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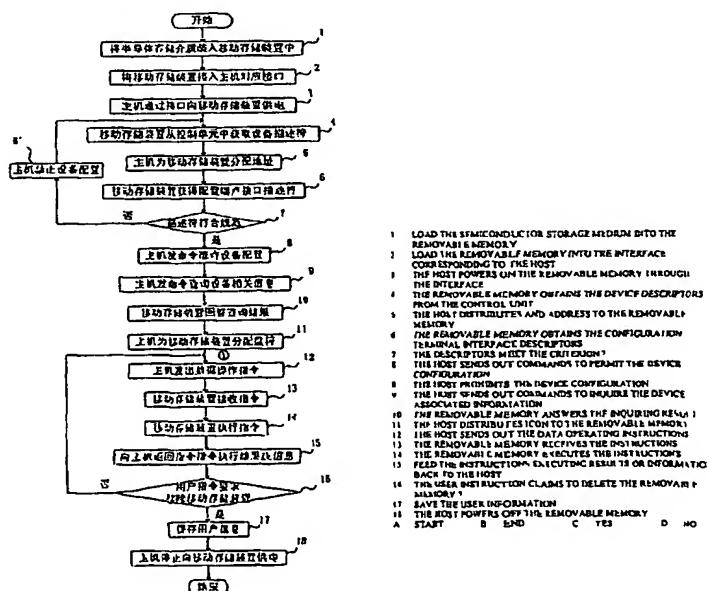
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— 包括国际检索报告。

所引用双字母代码和其它缩写符号, 请参考刊登在每期 PCT 公报期刊起始的“代码及缩写符号简要说明”。

(54) Title: THE METHOD FOR MANAGING THE DATA IN A REMOVABLE MEMORY

(54) 发明名称: 移动存储装置的数据管理方法



1. LOAD THE SEMICONDUCTOR STORAGE MEDIUM INTO THE REMOVABLE MEMORY.
2. LOAD THE SEMICONDUCTOR MEMORY INTO THE INTERFACE CORRESPONDING TO THE HOST.
3. THE HOST POWERS ON THE REMOVABLE MEMORY THROUGH THE INTERFACE.
4. THE REMOVABLE MEMORY OBTAINS THE DEVICE DESCRIPTORS FROM THE CONTROL UNIT.
5. THE HOST DISTRIBUTES AND ADDRESSES TO THIS REMOVABLE MEMORY.
6. THE REMOVABLE MEMORY OBTAINS THE CONFIGURATION.
7. THE HOST CHECKS WHETHER THE DEVICE MEETS THE REQUIREMENT.
8. THE HOST SENDS OUT COMMANDS TO PERMIT THE DEVICE CONFIGURATION.
9. THE HOST PREPARES THE DEVICE CONFIGURATION.
10. THE REMOVABLE MEMORY ANSWERS THE INQUIRIES RELATED TO THE DEVICE ASSOCIATED INFORMATION.
11. THE REMOVABLE MEMORY ANSWERS THE INQUIRIES RELATED TO THE DEVICE ADDRESS.
12. THE HOST SENDS OUT THE DATA OPERATING INSTRUCTIONS.
13. THE REMOVABLE MEMORY RECEIVES THE INSTRUCTIONS.
14. THE REMOVABLE MEMORY EXECUTES THE INSTRUCTIONS.
15. THE REMOVABLE MEMORY EXECUTES THE INSTRUCTIONS.
16. THE REMOVABLE MEMORY EXECUTES THE INSTRUCTIONS.
17. THE USER INSTRUCTION CLAIMS TO DELETE THE REMOVABLE MEMORY.
18. SAVE THE USER INFORMATION.
19. THE HOST POWERS OFF THE REMOVABLE MEMORY.
A. START B. END C. YES D. NO

(57) Abstract: The invention provides a method for managing the data in the removable memory. The method includes: applying or organizing or establishing or re-building the file managing system of the storage medium of said removable memory according to the uses of said memory chips; and utilizing said file managing system to perform the corresponding processing in said memory chips according to the operation instructions of the host system, which is connected with said file managing system. By applying the method for managing the data in the removable memory, which the invention provides, the capacitance of the removable memory can be extended, and the storage medium can be updated, thus the data security, the functions and the convenience of the system are increased.



(57) 摘要

本发明提供一种移动存储装置的数据管理方法。该方法包括：根据所述存储芯片的使用情况，采用或组织或建立或重建所述移动存储装置存储介质的文件管理系统；和根据与所述移动存储装置连接的主机系统的操作指令，利用所述文件管理系统在所述存储芯片中进行相应的操作。采用本发明提供的移动存储装置的数据管理方法，可以实现移动存储装置容量扩充、存储介质更新，提高了数据安全性及系统的功能和易用性。